

Cornell University, Office of Sponsored Programs

Awards Received in January 2026

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
Araos, Joaquin	Clinical Sciences	Zoll Foundation (Through: Joan and Sanford I Weill Medical College of Cornell University)	THE EFFECT OF PEEP ON RV FUNCTION IN ECPR: A PRE-CLINICAL VA-ECMO-SUPPORTED SWINE MODEL	175650	\$10,700
Barrett, Chris	Dyson - Sponsored Activity	The Board of Trustees of the Leland Stanford Junior University	TRANSFORMING SMALL-SCALE RICE FARMING IN SUB-SAHARAN AFRICA VIA INTEGRATION OF FISH AQUACULTURE IN RICE PRODUCTION: A WIN-WIN-WIN SUSTAINABLE SOLUTION TO POVERTY, MALNUTRITION, AND DISEASES	182594	\$45,742
Barstow, Buz	CALS Biological & Environmental Engr	Biolithica Technologies Corp	HARNESSING THE MICROBE MINERAL ATLAS	192013	\$368,197
Barstow, Buz	CALS Biological & Environmental Engr	United States Department of Energy (Through: UCHICAGO -> Argonne National Laboratory -> Argonne National Laboratory)	MELT REE (MULTIMODAL ENGINEERING & LEACHING TECHNOLOGY FOR RARE EARTH EXTRACTION)	189987	\$109,328
Bilinski, Cheryl	CALS Cornell Cooperative Extension	New York State Health Foundation	FARM TO INSTITUTION IN NEW YORK: LEVERAGING THE FOOD HUB COLLABORATIVE FOR STATEWIDE IMPACT	190228	\$285,000
Bunting-Howarth, Katherine	CALS Sea Grant	US DOC -> National Oceanic and Atmospheric Administration (Through: SUNY -> State University of New York Stony Brook)	DEVELOPING SUSTAINABLE AND CLOSED-LOOP SOLUTIONS TO REDUCE SYNTHETIC FIBERS, MICROPLASTICS, AND NANOPLASTICS LEAKAGE FROM LAUNDRY SYSTEMS INTO THE MARINE ENVIRONMENT	146486	\$2
Caddy, Sarah	Baker Institute	Gates Foundation (Through: PATH)	QUANTIFYING ROTAVIRUS ANTIBODIES IN SERUM SAMPLES	187341	\$5,633

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Caddy, Sarah	Baker Institute	Gates Foundation (Through: PATH)	NRRV IMMUNOLOGICAL INVESTIGATIONS	192332	\$231,146
Catlin, Nora	CALS LIHREC	USDA -> USDA National Institute of Food and Agriculture (Through: USMD -> University of Maryland Eastern Shore)	IR-4 NORTHEAST REGION MINOR CROP PEST MANAGEMENT PROGRAM: NEW FUNGICIDE PRODUCT TESTING	187382	\$57,777
Cohen, Roy	Baker Institute	USDA -> USDA National Institute of Food and Agriculture (Through: Tethered Enzyme Technolo gies Medical Inc)	DETECTION OF AVIAN FLU IN DAIRY COWS (SBIR PHASE I)	178823	\$46,334
De Jong, Walter	CALS School of Integrative Plant Science	Potatoes Usa	POTATOES USA TRIALS 2025-2026	189885	\$26,000
Dufresne, Eric	Materials Science Engineering	DOE -> DOE Office of Science	BIOINSPIRED MORPHOGENESIS OF FUNCTIONAL BICONTINUOUS MATERIALS	178653	\$1,040,000
Fuchs, Gregory	Applied & Engineerin g Physics	United States Department of Energy (Through: STANFORD U -> SLAC National Accelerator Laboratory)	CENTER FOR ENERGY EFFICIENT MAGNONICS (CEEM)	173458	\$135,302
Fuller, Angela	CALS Ashley School of GDev and the Envir	DOI -> United States Fish and Wildlife Service (Through: NYS -> New York State Department of Environmental Conservation)	FY2025-2027 - WILDLIFE RESEARCH AND MANAGEMENT SUPPORT	183354	\$1,704,383

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Galashin, Pavel	Mathematics	NSF -> NSF Directorate for Mathematical and Physical Sciences	CAREER: STATISTICAL MECHANICS AND KNOT THEORY IN ALGEBRAIC COMBINATORICS	188195	\$154,240
Guarino, Cassandra	Population Medicine & Diagnostic Science	HHS -> PHS -> US Food and Drug Administration	ANTIMICROBIAL RESISTANCE MONITORING IN BACTERIA OF VETERINARY SIGNIFICANCE	171323	\$512
Guimbretiere, Francois	Information Science	NSF -> NSF Directorate for Computer and Information Science and Engineering	COLLABORATIVE RESEARCH: HCC: MEDIUM: ACCELERATING YARN FABRICATION RESEARCH USING RAPID PROTOTYPING TOOLS	179346	\$594,187
Hackett, Eileen	Clinical Sciences	US Department of Health and Human Services (Through: Anova Biomedical Inc)	BIODEGRADABLE AND ELASTIC VASCULAR GRAFTS FOR HEMODIALYSIS - SBIR PHASE I	177816	\$74,885
Jacoby, Nori	CAS Psychology	DOD -> DOD Defense Advanced Research Project Agency (Through: Princeton Universit y)	PREDICTING ALGORITHMIC TRUST AT SCALE	183878	\$449,998
Karim, Sabrina	Government	NSF -> NSF Directorate for Social, Behavioral and Economic Sciences	CAREER: "BLUE VIOLENCE:" THE POLITICS OF GLOBAL POLICE VIOLENCE AND CHANGE	140871	\$159,273
Kopp, Lisa	CALS Lab of O - Ctr Engage Sci & Nature	NYS -> New York State Office of Parks, Recreation and Historic Preservation	ZOOS, BOTANICAL GARDENS AND AQUARIUMS (ZBGA) - 2021 TO 2026: VISITOR CENTER SUPPORT (CORNELL UNIVERSITY LAB OF ORNITHOLOGY)	138145	\$3,832

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Liu, Rui	CALS Food Science	USDA -> USDA National Institute of Food and Agriculture (Through: Liquid Orchard Inc)	INNOVATIVE FOOD PROCESSING UTILIZING WHOLE APPLES TO PRODUCE A NOVEL DRINK, REDUCING FOOD WASTE AND ENHANCING NUTRITIONAL VALUE	178843	\$56,993
Longchamps, Louis	CALS School of Integrative Plant Science	Keystone Center	ENHANCING TECHNICAL ASSISTANCE FOR AGRICULTURE AND CONSERVATION OUTCOMES	192883	\$30,000
McArt, Jessica	Population Medicine & Diagnostic Science	Phibro Animal Health Corporation	HERD LEVEL ASSOCIATION OF SERUM CALCIUM DYNAMICS WITH TRANSITION PERIOD PERFORMANCE AND MANAGEMENT	190726	\$72,419
McComas, Katherine	Einhorn Center for Community Engagement	AmeriCorps (Through: SUNY -> The Research Foundation for the State University of New York)	AMERICORP - EMPIRE STATE SERVICE CORPS	189225	\$4,042
McFadden, Joseph	CALS Animal Science	BiomEdit Inc	RUMEN MICROBIOME ATLAS OF DAIRY CATTLE FROM INDIA AND ASSOCIATION WITH METHANE EMISSIONS AND FEED EFFICIENCY	192673	\$22,598
McIntyre, Peter	CALS Ashley School of GDev and the Envir	DOI -> United States Geological Survey (Through: UMASS -> University of Massachusetts Amherst)	HOST CYCLE II OF THE NORTHEAST CLIMATE ADAPTATION SCIENCE CENTER	87988	\$7,649
McQuiddy, Nicole	SHA - Sponsored Activity	Statler Foundation	CHR DIGITAL INFRASTRUCTURE IMPROVEMENT PROJECT	180099	\$110,000
Nair, Sriramya	Civil & Environmental Engineering	NSF National Science Foundation (Through: REEgen Inc)	A BIOLOGICAL SOLUTION TO IMPROVING THE UNITED STATES RARE EARTH SUPPLY CHAIN	184060	\$186,222

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Niemack, Michael	Cornell Lab Accelerator Sciences & Ed	DOD -> DOD US AF -> Air Force Research Laboratory (Through: Innovative Scientific Solutions Inc)	LIQUID PROPULSION AT CORNELL	191996	\$17,500
Novy, Ari	CALS Cornell Botanic Gardens	NYS -> New York State Office of Parks, Recreation and Historic Preservation	ZOOS, BOTANICAL GARDENS AND AQUARIUMS (ZBGA) - 2021 TO 2026: CORNELL BOTANIC GARDENS COLLECTIONS CARE AND MAINTENANCE	138180	\$73,335
Overton, Thomas	CALS Animal Science	Novus International, Inc.	C.O.W.S. PROGRAM FIELD SUPPORT	190844	\$4,914
Parker, John	Baker Institute	HHS -> PHS -> NIH -> NIH Office of the Director	GRADUATE TRAINING PROGRAM IN COMPARATIVE MEDICINE	174067	\$2,017,050
Qian, Shu-Bing	Nutritional Sciences	HHS -> PHS -> NIH -> NIH National Cancer Institute (Through: Beckman Foundation -> Beckman Research Institute of the City of Hope)	MECHANISM AND THERAPEUTIC IMPLICATION OF RNA-MODIFICATION-MEDIATED CODON-BIASED TRANSLATION IN ACUTE MYELOID LEUKEMIA	180470	\$57,510
Reed, Patrick	Civil & Environmental Engineering	United States Department of Energy (Through: LLNS LLC -> Lawrence Livermore National Laboratory)	HYPERFACETS: ADVANCING SCENARIO SELECTION AT LOCAL TO REGIONAL SCALES	190512	\$200,000
Rudstam, Lars	CALS Ashley School of GDev and the Envir	US DOC -> National Oceanic and Atmospheric Administration (Through: Regents of the University of Michigan)	USING LINEAR INVERSE MODELS TO UNDERSTAND THE ECOSYSTEM IMPACTS OF COREGONINE RESTORATION IN THE GREAT LAKES	192059	\$141,460

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Smart, Chris	CALS Cornell AgriTech Fin & Operating	Genesee Valley Regional Market Authority	FARM RESEARCH UNIT DIGITAL AGRICULTURE INFRASTRUCTURE AND SUSTAINABLE GREENHOUSE LED PROJECTS - IMPROVEMENTS TO ON-FIELD SECURITY LIGHTING CORNELL AGRITECH REMOTE FARM LOCATIONS	162746	\$80,623
Snover-Clift, Karen	CALS School of Integrative Plant Science	USDA -> USDA Animal and Plant Health Inspection Service (Through: UNC -> North Carolina State University)	NPDN AND STATE DIAGNOSTICIAN PREPAREDNESS TRAINING THROUGH THE USDA-APHIS PPCDL AND OTHER EXPERTS	188746	\$144,808
Steinschneider, Scott	CALS Biological & Environmental Engr	US DOC -> National Oceanic and Atmospheric Administration (Through: Regents of the University of Michigan)	GLAM HYDROCLIMATE INDICATORS & MODEL TRAINING	184414	\$138,430
Strong, Alexandra	Chemical & Biomolecular Engineering	NSF -> NSF Directorate for Engineering	CAREER: OVERCOMING PEDAGOGICAL INERTIA: AMPLIFYING THE COURSE TRANSFORMATION NARRATIVES OF ENGINEERING EDUCATORS	177781	\$1
Strong, Alexandra	Chemical & Biomolecular Engineering	NSF -> NSF Directorate for Engineering	CAREER: OVERCOMING PEDAGOGICAL INERTIA: AMPLIFYING THE COURSE TRANSFORMATION NARRATIVES OF ENGINEERING EDUCATORS	177781	\$34,866
Townsend, Alex	Mathematics	NSF National Science Foundation (Through: International Computer Science Institute)	ATD: RESILIENT DYNAMIC AUTOENCODERS FOR MODELING AND PREDICTING EARTHQUAKE THREATS	188075	\$36,743
Vacanti, Nathaniel	CALS Nutritional Sciences	HHS -> PHS -> NIH -> NIH National Institute on Aging (Through: Joan and Sanford I Weill Medical College of Cornell University)	COMPLEX III-DERIVED REACTIVE OXYGEN SPECIES IN MITOCHONDRIAL-NUCLEAR CROSSTALK IN ALZHEIMERS DISEASE AND RELATED DEMENTIAS	180541	\$240,517

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Whitmore, Mark	CALS Ashley School of GDev and the Envir	NSF -> NSF Directorate for Biological Sciences (Through: Grand Valley State University)	MCA: DECIPHERING AN INVASION: UNDERSTANDING HOW INVASIVE TRAITS SHAPE GENOMIC STRUCTURE AND ADAPTIVE POTENTIAL DURING RAPID POPULATION GROWTH AND RANGE EXPANSION	184034	\$17,830
Wiedmann, Martin	CALS Food Science	HHS -> PHS -> Centers for Disease Control and Prevention (Through: NYS -> NYSDOH -> Health Research Incorporated)	ELC FOODBORNE ILLNESS CENTERS OF EXCELLENCE	77671	\$306,409
Wiesner, Uli	Materials Science Engineering	HHS -> PHS -> NIH -> NIH National Cancer Institute (Through: Joan and Sanford I Weill Medical College of Cornell University)	ULTRASMALL PARTICLE-BASED SOLUTIONS FOR INDUCING FERROPTOSIS AND IMPROVING ANTI-TUMOR IMMUNE RESPONSES IN CANCER	163279	\$109,933
Willison, Charley	Public and Ecosystem Health	Burroughs Wellcome Fund	CAN WE CAPTURE CLIMATE RISKS: ASSESSING THE ABILITY OF EXISTING SURVEILLANCE SYSTEMS TO IDENTIFY CLIMATE-DRIVEN CHANGES IN VECTOR BORNE PATHOGENS	190973	\$50,000
Xu, Kenong	CALS School of Integrative Plant Science	Okanagan Biotechnology Inc.	FIELD TRIAL ACTIVITIES	47057	\$17,493
Zhong, Yu	Materials Science Engineering	DOE -> DOE Office of Science	LEVERAGING COOPERATIVE COMPLEXATION IN HELICAL LADDER POLYMERS FOR RARE EARTH ELEMENT SEPARATION	185217	\$875,000
de Mestre, Mandi	Baker Institute	CH Boehringer -> BOEHRINGEL -> Boehringer Ingelheim Animal Health USA Inc	CYTOTOXIC EFFECTOR DYNAMICS OF TISSUE-RESIDENT NK CELLS IN RESPONSE TO EQUINE HERPESVIRUS	190197	\$15,000